
Draft for Public Comment

**Transportation Conformity Determination Report for
the 1997 Ozone NAAQS**

**Benzie County Limited Orphan Maintenance
Area**

June 14, 2022

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EXECUTIVE SUMMARY

As part of its transportation planning process, the Michigan Department of Transportation (MDOT) completed the transportation conformity process for the new 2023-2026 State Transportation Improvement Program (STIP).

This report documents that the 2023-2026 STIP in Benzie County meets the federal transportation conformity requirements in 40 CFR Part 93 subpart A.

Clean Air Act (CAA) section 176(c) (42 U.S.C. 7506(c)) requires that federally funded or approved highway and transit activities are consistent with (“conform to”) the purpose of the State Implementation Plan (SIP). Conformity to the purpose of the SIP means that transportation activities will not cause or contribute to new air quality violations, worsen existing violations, or delay timely attainment of the relevant national ambient air quality standard (NAAQS) or any interim milestones, 42 U.S.C. 7506(c)(1). The United States Environmental Protection Agency’s (EPA) transportation conformity rules establish the criteria and procedures for determining whether Metropolitan Transportation Plans (MTP), TIPs, and federally supported highway and transit projects conform to the SIP, 40 CFR Parts 51.390 and 93 subpart A.

On Feb. 16, 2018, the United States Court of Appeals for the District of Columbia Circuit in *South Coast Air Quality Mgmt. District v. EPA* (“*South Coast II*,” 882 F.3d 1138) held that transportation conformity determinations must be made in areas that were either nonattainment or maintenance for the 1997 ozone NAAQS and attainment for the 2008 ozone NAAQS when the 1997 ozone NAAQS was revoked. These conformity determinations were required in these areas after Feb. 16, 2019. Benzie County was in maintenance at the time of the 1997 ozone NAAQS revocation on April 6, 2015, and was also designated attainment for the 2008 ozone NAAQS on May 21, 2012. It was also designated attainment for the 2015 ozone NAAQS on Jan. 16, 2018. Therefore, per the *South Coast II* decision, this conformity determination is being made for the 1997 ozone NAAQS on the STIP.

This conformity determination was completed consistent with CAA requirements, existing associated regulations at 40 CFR Parts 51.390 and 93 subpart A, and the *South Coast II* decision, according to EPA's *Transportation Conformity Guidance for the South Coast II Court Decision* issued on Nov. 29, 2018.

1.0 BACKGROUND

1.1 TRANSPORTATION CONFORMITY PROCESS

The concept of transportation conformity was introduced in the CAA of 1977, which included a provision to ensure that transportation investments conform to a SIP for meeting the federal air quality standards. Conformity requirements were made substantially more rigorous in the CAA Amendments of 1990. The transportation conformity regulations that detail implementation of the CAA requirements were first issued in November 1993 and have been amended several times. The regulations establish the criteria and procedures for transportation agencies to demonstrate that air pollutant emissions from LRTPs, TIPs, and projects are consistent with (“conform to”) the state’s air quality goals in the SIP. This document has been prepared for state and local officials who are involved in decision-making on transportation investments.

Transportation conformity is required under CAA Section 176(c) to ensure that federally supported transportation activities are consistent with (“conform to”) the purpose of a state’s SIP. Transportation conformity establishes the framework for improving air quality to protect public health and the environment. Conformity to the purpose of the SIP means Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) funding and approvals are given to highway and transit activities that will not cause new air quality violations, worsen existing air quality violations, or delay timely attainment of the relevant air quality standard, or any interim milestone.

1.2 CONFORMITY AREA

The conformity area consists of Benzie County, which is an isolated rural conformity area only covered by the STIP.

Findings of the transportation conformity report are for transportation activities contained within the conformity area.

1.3 ATTAINMENT STATUS

On April 15, 2004, the EPA issued final designations of areas not attaining the 1997 ozone NAAQS. Benzie County was designated a nonattainment area.

On May 16, 2007, the EPA redesignated the area attainment, approving and finding adequate motor vehicle emissions budgets for volatile organic compounds (VOC) and nitrogen oxides (NO_x) for the year 2018. The area was placed into maintenance; this requires conformity emissions to be compared to the motor vehicle emission budgets contained in the SIP.

On July 20, 2012, the EPA designated all of Michigan as attainment for the strengthened 2008 ozone NAAQS.

On July 20, 2013, the EPA partially revoked the 1997 ozone NAAQS, revoking the requirement to do transportation conformity for areas that were in maintenance.

On April 6, 2015, the EPA completely revoked the 1997 ozone NAAQS, which resulted in removal of all transportation conformity requirements.

On April 23, 2018, FHWA began requiring areas in the country to conduct conformity if they were a maintenance area for the 1997 ozone NAAQS and attainment for the 2008 ozone NAAQS when the 1997 ozone NAAQS was revoked. This was to comply with the court's decision in *South Coast II*. The Benzie County

conformity area was one of these areas. Later, this was amended to require MPOs to have a conformity in place on Feb. 16, 2019, and conduct conformity going forward.

On Jan. 16, 2018, the EPA designated Benzie County as attainment for the strengthened 2015 ozone NAAQS.

On March 6, 2020, the EPA published a final rule effective April 6, 2020, that the Benzie County 1997 ozone maintenance area's second maintenance period will be a limited maintenance plan. Limited maintenance plan areas must show the design value to be well below the NAAQS and the area's levels of air quality are unlikely to violate the NAAQS in the future. Areas with limited maintenance plans are not required to conduct emission modeling for conformity.

2.0 METROPOLITAN TRANSPORTATION PLAN, OR LONG-RANGE TRANSPORTATION PLAN

The MTP, also referred to as an LRTP, is developed by the MPO to establish a long-term transportation plan. An MTP is federally required for MPOs to receive federal funding and must provide a 20-year (or longer) horizon. Plans are required to be updated every four to five years. The purpose of an MTP is to assess future needs of the area's transportation system and set goals to meet those needs. The planning process can enhance quality of life by fostering the mobility of people and freight in an effective and safe method. Benzie County is not covered by an MPO and the State LRTP does not have projects like an MTP. This conformity determination is for the new 2023 to 2026 STIP.

3.0 TRANSPORTATION IMPROVEMENT PROGRAM

The TIP is a financially constrained four-year program covering the most immediate implementation priorities for transportation projects and strategies from the MTP.

The TIP identifies proposed projects developed by local agencies in accordance with the joint regulations of the FHWA and the FTA. These regulations establish the TIP as the programming phase of the overall continuing, comprehensive, and cooperative planning process. This planning process includes local jurisdictions, transit agencies, and state and federal transportation officials.

Findings of this transportation conformity report are for transportation activities contained within the conformity area. The state is developing a new 2023 to 2026 STIP. This conformity report is to ensure the new STIP in the Benzie County limited orphan maintenance area satisfies its obligation to the CAA. This report evaluates transportation activities contained in:

- STIP projects in Benzie County.

4.0 TRANSPORTATION CONFORMITY DETERMINATION: GENERAL PROCESS

Per the court's decision in *South Coast II*, beginning Feb. 16, 2019, a transportation conformity determination for the 1997 ozone NAAQS will be needed in 1997 ozone NAAQS nonattainment and maintenance areas identified by EPA¹ for certain transportation activities, including updated or amended MTPs and TIPs. Conformity is required in isolated rural maintenance areas only when a non-exempt project is determined. This conformity determination report will address transportation conformity for the new 2023-2026 STIP in Benzie County.

5.0 TRANSPORTATION CONFORMITY REQUIREMENTS

¹ The areas identified can be found in EPA's "Transportation Conformity Guidance for the South Coast II Court Decision," EPA-420-B-18-050, available on the web at <https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100VQME.pdf>.

5.1 OVERVIEW

On Nov. 29, 2018, EPA issued the **Transportation Conformity Guidance for the South Coast II Court Decision**² (EPA-420-B-18-050, November 2018) that addresses how transportation conformity determinations can be made in areas that were nonattainment or maintenance for the 1997 ozone NAAQS when the 1997 ozone NAAQS was revoked but were designated attainment for the 2008 ozone NAAQS in EPA's original designations for this NAAQS (May 21, 2012). The area was designated attainment for the 2008 ozone NAAQS on May 21, 2012, and Jan. 18, 2018, for the 2015 ozone NAAQS.

The transportation conformity regulation at 40 CFR 93.109 sets forth the criteria and procedures for determining conformity. The conformity criteria for MTPs and TIPs include: latest planning assumptions (93.110), latest emissions model (93.111), consultation (93.112), transportation control measures (93.113(b) and (c)), and emissions budget and/or interim emissions (93.118 and/or 93.119).

For the 1997 ozone NAAQS areas, transportation conformity for MTPs and TIPs for the 1997 ozone NAAQS can be demonstrated without a regional emissions analysis, per 40 CFR 93.109(c). This provision states that the regional emissions analysis requirement applies one year after the effective date of EPA's nonattainment designation for an NAAQS and until the effective date of revocation of such NAAQS for an area. The 1997 ozone NAAQS revocation was effective on April 6, 2015, and the *South Coast II* court upheld the revocation. As no regional emission analysis is required for this conformity determination, there is no requirement to use the latest emissions model, or budget or interim emissions tests.

Therefore, transportation conformity for the 1997 ozone NAAQS for the 2023-2026 STIP in Benzie County can be demonstrated by

² Available from <https://www.epa.gov/sites/production/files/2018-11/documents/420b18050.pdf>

showing the remaining requirements in Table 1 in 40 CFR 93.109 have been met. These requirements, which are laid out in Section 2.4 of EPA's guidance and addressed below, include:

- Latest planning assumptions (93.110),
- Consultation (93.112),
- Transportation Control Measures (93.113), and
- Fiscal constraint (93.108).

5.2 LATEST PLANNING ASSUMPTIONS

The use of latest planning assumptions in 40 CFR 93.110 of the conformity rule generally apply to regional emissions analysis. In the 1997 ozone NAAQS areas, the use of the latest planning assumptions requirement applies to assumptions about transportation control measures (TCMs) in an approved SIP.

The Michigan SIP does not include any TCMs (see also Section 5.4).

5.3 CONSULTATION REQUIREMENTS

The consultation requirements in 40 CFR 93.112 were addressed both for interagency consultation and public consultation.

Interagency consultation was conducted with the Michigan Department of Transportation (MDOT), the Michigan Department of Environment, Great Lakes, and Energy (EGLE), FHWA, FTA, and EPA. A summary of the Michigan Transportation Interagency Workgroup (MITC-IAWG) meeting on April 15, 2022, and relevant interagency consultation correspondence related to this conformity is in Appendix A. Interagency consultation was conducted consistent with Michigan's conformity SIP.

Public consultation will be conducted consistent with planning rule requirements in 23 CFR 450. The Public Participation Plan adopted by MDOT for the STIP establishes the procedures by which MDOT reaches the affected public agencies and the public. The same procedures were followed for this document, ensuring the public has an opportunity to review and comment.

A formal public comment period for this draft conformity report was held from July 15 to Aug. 15, 2022. Public comments received and responses to those comments are in Appendix B.

5.4 TIMELY IMPLEMENTATION OF TRANSPORTATION CONTROL MEASURES

The Michigan SIP does not include any TCMs.

5.5 FISCAL CONSTRAINT

Transportation conformity requirements in 40 CFR 93.108 state that transportation plans and TIPs must be fiscally constrained consistent with the metropolitan planning regulations at 23 CFR part 450. The 2023-2026 STIP is fiscally constrained, as demonstrated in:

- 2023-2026 STIP for Benzie County.

6.0 CONCLUSION

The conformity determination process completed for the 2023-2026 STIP for Benzie County demonstrates that these planning documents meet the CAA and Transportation Conformity rule requirements for the 1997 ozone NAAQS.

Appendix A: Meeting Summary of Interagency Workgroups

Meeting Summary

Michigan Transportation Conformity Interagency Workgroup (MITC-IAWG)

Benzie Limited Orphan Maintenance Area and

Mason Limited Orphan Maintenance Area and

Huron Limited Orphan Maintenance Area and

Lenawee Orphan Maintenance Area

For the

2023 to 2026 State Transportation Improvement Program

April 15, 2022

The Michigan Department of Transportation (MDOT) is creating a new 2023 to 2026 State Transportation Improvement Program (STIP). A MITC-IAWG was conducted by email for the four-conformity areas listed above. MDOT reviewed the STIP projects in the four counties and determined one project in Benzie County was non-exempt and all other projects were exempt. The non-exempt project will require a conformity report for the Benzie County Limited Orphan Maintenance Area. MDOT requested concurrence on classification of projects. The group concurred and responses are listed below. Attached are the projects reviewed arranged by county. This meeting summary is for all four areas.

Agency	Name	Concur	No response
<i>Required one response per agency</i>			
EPA	Michael Leslie	x	
FHWA	Christina Ignasiak	x	
FTA	Susan Weber	x	
EGLE	Breanna Bukowski	x	
MDOT Conformity	Donna Wittl	x	
MDOT Grand Region	Tyler Kent, Dennis Kent, William Loehle, Susan Rozema	x	
MDOT STIP	Mark Kloha		x
MDOT SPS	Jeff Franklin	x	
MDOT Bay Region	Jay Reithel	x	
MDOT University Region	Michael Davis	x	
MDOT North Region	Heidi Phaneuf, Scott Theyer		x
MDOT Rural Task Force	Josh Grab		x
MDOT Project Level Conformity	Brad Peterson		x

Wittl, Donna (MDOT)

From: Wittl, Donna (MDOT)
Sent: Friday, April 15, 2022 12:41 PM
To: Leslie, Michael (EPA); Ignasiak, Christina (FHWA); susan.weber; Bukowski, Breanna (EGLE); Kloha, Mark (MDOT); Grab, Joshua (MDOT); Peterson, Brad (MDOT); Franklin, Jeff (MDOT); Reithel, Jay (MDOT); Kent, Tyler (MDOT); Kent, Dennis (MDOT); Loehle, William (MDOT); Rozema, Susan (MDOT); Davis, Michael (MDOT); Thayer, Scott (MDOT)
Subject: Rural County MITC-IAWG Project review
Attachments: Benzie Huron Mason Lenawee Project lists STIP 2023-26.xlsx

Greetings MITC-IAWG Members and Partners for:

Benzie County Limited Orphan Maintenance Area
Huron County Limited Orphan Maintenance Area
Mason County Limited Orphan Maintenance Area
Lenawee County Orphan Maintenance Area

A new State Transportation Improvement Program (STIP) is being created for years 2023 to 2026 and the group needs to review these projects for air quality conformity.

The staff of the Michigan Department of Transportation (MDOT) has reviewed the projects in the attached file and have determined one project in Benzie County is non-exempt, it is a center turn lane over a mile, per the policies for reviewing projects by the MITC-IAWG. This project will require a conformity report for the county. All other projects are exempt. Each county has a separate tab on the attached spreadsheet.

Please review the projects and reply, using reply to all, to this email with “concur” if you agree with the recommendations.

Clarification or questions can be directed to me or the group.

Responses are requested **by close of business Friday April 22, 2022.**

Thank you,
Donna

Donna Wittl
Air Quality Conformity Specialist
Statewide & Urban Travel Analysis Section
Michigan Department of Transportation
517-335-4620
WittlD@Michigan.gov

Appendix B: Public Comments and Responses

Appendix C: Projects Evaluated for Conformity

Attached are all the projects evaluated at the April 18, 2022, MITC-IAWG. Only the projects for the STIP in Benzie County are included in this conformity report.

The list of projects starts on the following page.

Benzie County: 2023-2026 STIP Projects

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Region	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Cost To Date	Federal Amendment Type	Air Quality	Air Quality Comment
2023	Local	214841	Local Road	Rural	Benzie	North	Benzie County	Cinder Rd	Thompsonville Highway to Pioneer Road	3.002	Road Capital Preventive Maintenance	One Course Asphalt Overlay	CON	\$335,600	\$0	\$112,792	\$448,392	\$0		exempt	
2023	Local	214841	Local Road	Rural	Benzie	North	Benzie County	Cinder Rd	Thompsonville Highway to Pioneer Road	3.002	Road Capital Preventive Maintenance	One Course Asphalt Overlay	CON	\$0	\$61,663		\$61,663	\$0		exempt	
2023	Multi-Modal	206534	S/TIP Line items	Rural	Benzie	North	Benzie Transportation Authority	Transit Capital	areawide	0.000	1110-Bus Rolling Stock	FY2023 CMAQ - Bus Replacement	NI	\$33,765	\$8,441	\$0	\$42,206	\$0		exempt	
2023	Multi-Modal	205709	Transit Capital	Rural	Benzie	North	Benzie Transportation Authority	Transit Capital	areawide	0.000	1110-Bus Rolling Stock	transit capital - FY23 5311 Flex Bus Replacement	NI	\$62,400	\$15,600	\$0	\$78,000	\$0		exempt	
2023	Multi-Modal	215318	Transit Capital	Rural	Benzie	North	Benzie Transportation Authority	Transit Capital	Areawide	0.000	1110-Bus Rolling Stock	FY 2023 CMAQ Van replacement	NI	\$37,174	\$9,294	\$0	\$46,468	\$0		exempt	
2023	Trunkline	214901	Trunkline Road	Rural	Benzie	North	MDOT	M-115	Various Locations - Traverse City TSC	11.295	Road Capital Preventive Maintenance	Single course chip seal with fog seal	CON	\$821,201	\$182,099	\$0	\$1,003,300	\$0		exempt	
2023	Trunkline	201359	Trunkline Traffic Operations And Safety	Rural	Benzie	North	MDOT	US-31	US-31 Reynolds Road Intersection	0.500	Traffic Safety	Construct CLTL/RTL	CON	\$530,429	\$117,622	\$0	\$648,051	\$0			Abandoned
2024	Local	214843	Local Road	Rural	Benzie	North	Benzie County	N Manistee County Line Rd	from US-31 to Kurick Road	6.214	Road Capital Preventive Maintenance	Single Course Chip Seal	CON	\$0	\$55,000	\$0	\$55,000	\$0		exempt	
2024	Local	214843	Local Road	Rural	Benzie	North	Benzie County	N Manistee County Line Rd	from US-31 to Kurick Road	6.214	Road Capital Preventive Maintenance	Single Course Chip Seal	CON	\$342,600	\$0	\$68,520	\$411,120	\$0		exempt	
2024	Trunkline	204053	S/TIP Line items	Rural	Benzie	North	MDOT	US-31	From Reynolds Road to M-137	4.568	Reconstruction	Reconstruct and add center-left turn lane	CON	\$11,163,522	\$2,475,479	\$0	\$13,639,000	\$0	Scope Construction Length Change	non-exempt	center turn lane over one mile are non-exempt
2024	Multi-Modal	214849	Transit Capital	Rural	Benzie	North	Benzie Transportation Authority	Transit Capital	Area Wide		1110-Bus Rolling Stock	FY 2024- 5311 Flex - Bus Replacement	NI	\$62,400	\$15,600	\$0	\$78,000	\$0	GPA over or over 25%	exempt	
2024	Multi-Modal	215321	Transit Capital	Rural	Benzie	North	Benzie Transportation Authority	Transit Capital	Areawide	0.000	1110-Bus Rolling Stock	FY 2024 CMAQ Van replacement	NI	\$37,174	\$9,294	\$0	\$46,468	\$0	GPA over or over 25%	exempt	
2025	Local	214846	Local Road	Rural	Benzie	North	Benzie County	Platte Rd	US 31 to M22	5.245	Road Capital Preventive Maintenance	Single Course Chip Seal	CON	\$0	\$56,000	\$0	\$56,000	\$0	GPA over or over 25%	exempt	
2025	Local	214846	Local Road	Rural	Benzie	North	Benzie County	Platte Rd	US 31 to M22	5.245	Road Capital Preventive Maintenance	Single Course Chip Seal	CON	\$350,600	\$0	\$82,600	\$433,200	\$0	GPA over or over 25%	exempt	
2025	Multi-Modal	214885	Transit Capital	Rural	Benzie	North	Benzie Transportation Authority	Transit Capital	Area Wide	0.000	1110-Bus Rolling Stock	FY 2025 - 5311 Flex Bus Replacement	NI	\$62,400	\$15,600	\$0	\$78,000	\$0	GPA over or over 25%	exempt	
2025	Multi-Modal	215323	Transit Capital	Rural	Benzie	North	Benzie Transportation Authority	Transit Capital	Areawide	0.000	1110-Bus Rolling Stock	FY 2025 CMAQ Van replacement	NI	\$37,174	\$9,294	\$0	\$46,468	\$0	GPA over or over 25%	exempt	
2026	Local	214847	Local Road	Rural	Benzie	North	Benzie County	S Pioneer Rd	Goose Road to M-115	10.412	Road Capital Preventive Maintenance	Single Course Chip Seal	CON	\$358,600	\$0	\$84,200	\$442,800	\$0	GPA over or over 25%	exempt	
2026	Local	214847	Local Road	Rural	Benzie	North	Benzie County	S Pioneer Rd	Goose Road to M-115	10.412	Road Capital Preventive Maintenance	Single Course Chip Seal	CON	\$0	\$57,000	\$0	\$57,000	\$0	GPA over or over 25%	exempt	
2026	Multi-Modal	214887	Transit Capital	Rural	Benzie	North	Benzie Transportation Authority	Transit Capital	Area Wide	0.000	1110-Bus Rolling Stock	FY 26 - 5311 Flex Van Replacement	NI	\$62,400	\$15,600	\$0	\$78,000	\$0	GPA over or over 25%	exempt	
2026	Multi-Modal	215332	Transit Capital	Rural	Benzie	North	Benzie Transportation Authority	Transit Capital	Areawide	0.000	1110-Bus Rolling Stock	FY 2026 CMAQ Van replacement	NI	\$37,174	\$9,294	\$0	\$46,468	\$0	GPA over or over 25%	exempt	

Huron County: 2023-2026 STIP Projects

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Region	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Federal Amendment Type	Air Quality	Air Quality Comment
2023	Local	206137	Local Road	Rural	Huron	Bay	Huron County	S Ruth Rd	Ruth Road North of Atwater Road to M-142, Huron County	7.136	Road Capital Preventive Maintenance	Two Course Asphalt Resurfacing	CON	\$857,000	\$0	\$230,000	\$1,087,000		exempt	
2023	Local	206138	Local Road	Rural	Huron	Bay	Huron County	E Atwater Rd	Atwater Road Ruth Road to M-25, Huron County	6.455	Road Capital Preventive Maintenance	One Course Asphalt Overlay	CON	\$857,000	\$0	\$260,000	\$1,117,000			Abandoned
2023	Local	206138	Local Road	Rural	Huron	Bay	Huron County	E Atwater Rd	Atwater Road Ruth Road to M-25, Huron County	6.455	Road Capital Preventive Maintenance	One Course Asphalt Overlay	CON	\$0	\$183,000	\$0	\$183,000			Abandoned
2023	Trunkline	202644	S/TIP Line items	Rural	Huron	Bay	MDOT	M-142	M-142 in Huron County	39.267	Traffic Safety	Non-freeway Signing	CON	\$500,000	\$0	\$0	\$500,000		exempt	
2023	Local	213867	S/TIP Line items	Rural	Huron	Bay	Huron County	Bay Port Rd	Bay Port Road at Sebewaing Road, Huron County	1.638	Traffic Safety	Sign mounted flashing beacons, overhead flashing beacons	CON	\$109,898			\$109,898		exempt	
2023	Trunkline	213929	S/TIP Line items	Rural	Huron	Bay	MDOT	M-25	TSC Wide	78.941	Traffic Safety	Non-Freeway Signing Upgrade	PE	\$200,000	\$0	\$0	\$200,000		exempt	
2023	Multi-Modal	206129	Transit Capital	Rural	Huron	Bay	Huron County Board of Commissioners	Transit Capital	Area Wide	0.000	1110-Bus Rolling Stock	Support Vehicle purchase	NI	\$32,000	\$8,000	\$0	\$40,000		exempt	
2023	Multi-Modal	210124	Transit Capital	Rural	Huron	Bay	Huron County Board of Commissioners	Transit Capital	Areawide	0.000	1110-Bus Rolling Stock	FY23 CMAQ - Transit vehicle replacement	NI	\$60,101	\$15,025	\$0	\$75,126		exempt	
2024	Local	214407	Local Bridge	Rural	Huron	Bay	Huron County	Notter Rd	Notter Road Str #3680 over the Pigeon River, Huron County	0.000	Bridge CPM	Bridge Capital Preventative Maintenance	CON	\$194,400	\$36,450	\$12,150	\$243,000		exempt	
2024	Trunkline	212812	S/TIP Line items	Rural	Huron	Bay	MDOT	M-25	M-25	142.121	Traffic Safety	Non-Freeway Signing Upgrade	PE	\$200,000	\$0	\$0	\$200,000		exempt	
2024	Trunkline	211421	Trunkline Road	Rural	Huron	Bay	MDOT	M-142	Harbor Beach	0.725	Road Rehabilitation	Milling and two course asphalt resurfacing	PE	\$150,187	\$33,303	\$0	\$183,490		exempt	
2024	Trunkline	211421	Trunkline Road	Rural	Huron	Bay	MDOT	M-142	Harbor Beach	0.725	Road Rehabilitation	Milling and two course asphalt resurfacing	ROW	\$20,463	\$4,538	\$0	\$25,000		exempt	
2025	Local	215892	Local Road	Rural	Huron	Bay	Huron County	N Elkton Rd	from Tuscola County Line to Sebewaing Road and Filion Road from Pinnebog Ro	8.951	Road Capital Preventive Maintenance	One Course Asphalt Overlay	CON	\$796,934	\$0	\$318,066	\$1,115,000	GPA over or over 25%	exempt	
2025	Local	215892	Local Road	Rural	Huron	Bay	Huron County	N Elkton Rd	from Tuscola County Line to Sebewaing Road and Filion Road from Pinnebog Ro	8.951	Road Capital Preventive Maintenance	One Course Asphalt Overlay	CON	\$0	\$67,000	\$0	\$67,000	GPA over or over 25%	exempt	
2025	Trunkline	115822	Trunkline Traffic Operations And Safety	Rural	Huron	Bay	MDOT	M-142	Nugent Rd to Joyce Dr	0.784	Traffic Safety	Add Center Left Turn Lane	CON	\$507,675	\$112,575	\$0	\$620,250			Abandoned
2026	Trunkline	212812	S/TIP Line items	Rural	Huron	Bay	MDOT	M-25	M-25	142.121	Traffic Safety	Non-Freeway Signing Upgrade	CON	\$1,535,000	\$0	\$0	\$1,535,000		exempt	
2026	Trunkline	211421	Trunkline Road	Rural	Huron	Bay	MDOT	M-142	Harbor Beach	0.725	Road Rehabilitation	Milling and two course asphalt resurfacing	CON	\$1,121,392	\$248,666	\$0	\$1,370,058		exempt	

Lenawee County: 2023-2026 STIP Projects

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Region	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source	Federal Amendment Type	Air Quality	Air Quality Comment
2023	Local	203007	Local Road	Rural	Lenawee	University	Lenawee County	Ridge Hwy	Holloway and Ridge Roads	5.702	Road Capital Preventive Maintenance	Resurface	CON	\$0	\$0	\$1	\$1	STL			Abandoned
2023	Local	203007	Local Road	Rural	Lenawee	University	Lenawee County	Ridge Hwy	Holloway and Ridge Roads	5.702	Road Capital Preventive Maintenance	Resurface	CON	\$0	\$61,041	\$0	\$61,041	EDD			Abandoned
2023	Local	206172	Local Road	Rural	Lenawee	University	Lenawee County	Onsted Hwy	from US-223 to M-50	7.020	Road Capital Preventive Maintenance	One Course Asphalt Overlay	CON	\$0	\$174,330	\$0	\$174,330	EDD	GPA over or over 25%	exempt	
2023	Local	206172	Local Road	Rural	Lenawee	University	Lenawee County	Onsted Hwy	from US-223 to M-50	7.020	Road Capital Preventive Maintenance	One Course Asphalt Overlay	CON	\$523,000	\$0	\$174,330	\$697,330	STL	GPA over or over 25%	exempt	
2023	Local	208264	Local Road	Rural	Lenawee	University	Lenawee County	Howell Hwy	Howell Hwy: Academy Rd to M-52; Sand Creek: Carleton Rd to Adrian CL	1.588	Road Rehabilitation	Preventative Maintenance	CON	\$354,200	\$0	\$88,550	\$442,750	STUL		exempt	
2023	Local	208264	Local Road	Rural	Lenawee	University	Lenawee County	Howell Hwy	Howell Hwy: Academy Rd to M-52; Sand Creek: Carleton Rd to Adrian CL	1.588	Road Rehabilitation	Preventative Maintenance	CON	\$81,204	\$0	\$0	\$81,204	HIC		exempt	
2023	Local	213152	Local Road	Rural	Lenawee	University	Lenawee County	Burton Rd	From US-223 to Wolf Creek Highway	2.987	Road Capital Preventive Maintenance	One course asphalt overlay	CON	\$340,593	\$0	\$0	\$340,593	HIC	GPA over or over 25%	exempt	
2023	Local	215778	Local Road	Rural	Lenawee	University	Lenawee County	Wolf Creek Hwy	from US-223 to M-50	7.136	Road Capital Preventive Maintenance	One Course Asphalt Overlay	CON	\$680,000	\$0	\$170,000	\$850,000	STL	GPA over or over 25%	exempt	
2023	Local	207596	Local Traffic Operations And Safety	Rural	Lenawee	University	Adrian	Riverside Ave	Springbrook Ave at Riverside Ave	0.288	Traffic Safety	Intersection Improvement - right turn lane	CON	\$58,294	\$0	\$41,706	\$100,000	CM		exempt	
2023	Multi-Modal	206482	Transit Capital	Rural	Lenawee	University	Lenawee Transportation Corporation	Transit Capital	areawide	0.000	1140-Bus Support Equip / Facilities	Bus Support Equip/Facilities	NI	\$10,000	\$2,500	\$0	\$12,500	STL		exempt	
2023	Multi-Modal	207231	Transit Capital	Rural	Lenawee	University	Adrian, City of	Transit Capital	Areawide	0.000	1140-Bus Support Equip / Facilities	FY 2023 Small Urban Program - Bus Tires	NI	\$8,000	\$2,000	\$0	\$10,000	STUL			Abandoned
2023	Multi-Modal	207276	Transit Capital	Rural	Lenawee	University	Adrian, City of	Transit Capital	areawide	0.000	1110-Bus Rolling Stock	FY2023 CMAQ - Replace 2 busses	NI	\$152,000	\$38,000	\$0	\$190,000	CM		exempt	
2023	Multi-Modal	212699	Transit Capital	Rural	Lenawee	University	Adrian, City of	Transit Capital	areawide	0.000	1110-Bus Rolling Stock	FY 2023 Small Urban Program - Bus replacement	NI	\$20,800	\$5,200	\$0	\$26,000	STUL		exempt	
2023	Trunkline	213391	Trunkline Road	Rural	Lenawee	University	MDOT	M-34	US-127 easterly to McClellan Street	0.987	Road Capital Preventive Maintenance	HMA cold milling with single course HMA overlay	CON	\$529,508	\$117,416	\$0	\$646,924	ST		exempt	
2023	Trunkline	209388	Trunkline Traffic Operations And Safety	Rural	Lenawee	University	MDOT	US-12	2 locations on US-12, near Deer Run Ct and east of Person Hwy	0.425	Traffic Safety	Installation of Curve Warning System	CON	\$201,889	\$22,433	\$0	\$224,320	HSIP		exempt	
2023	Trunkline	211965	Trunkline Traffic Operations And Safety	Rural	Lenawee	University	MDOT	TSC-wide	Various in Jackson TSC area	0.000	Traffic Safety	Modernize signal devices to current standards	ROW	\$10,000	\$0	\$0	\$10,000	STG		exempt	
2024	Local	212763	Local Bridge	Rural	Lenawee	University	Lenawee County	W Mulberry Rd	Mulberry Rd over Lime Creek (#5546) & Packard Rd over Bear Creek Dr (#5557)	0.000	Bridge CPM	Bridge Capital Preventative Maintenance	CON	\$73,600	\$13,800	\$4,600	\$92,000	BO	GPA over or over 25%	exempt	
2024	Local	212763	Local Bridge	Rural	Lenawee	University	Lenawee County	W Mulberry Rd	Mulberry Rd over Lime Creek (#5546) & Packard Rd over Bear Creek Dr (#5557)	0.000	Bridge CPM	Bridge Capital Preventative Maintenance	CON	\$189,600	\$35,550	\$11,850	\$237,000	BO	GPA over or over 25%	exempt	
2024	Local	215144	Local Bridge	Rural	Lenawee	University	Lenawee County	Britton Hwy	Britton Highway over the Macon River (#5603), Lenawee County	0.000	Bridge CPM	Bridge Preventative Maintenance	CON	\$97,600	\$18,300	\$6,100	\$122,000	BHT		exempt	
2024	Local	214671	Local Road	Rural	Lenawee	University	Tecumseh	S Adrian St	M-50 / Chicago Blvd. to Russel Rd	0.941	Road Capital Preventive Maintenance	Rotomill and resurface an urban minor arterial. Replace curb and gutter	CON	\$385,000	\$0	\$96,250	\$481,250	STUL	GPA over or over 25%	exempt	
2024	Local	215602	Local Road	Rural	Lenawee	University	Lenawee County	Deerfield Rd	from Rogers Highway to Deerfield Village	7.011	Road Capital Preventive Maintenance	One Course Asphalt Overlay	CON	\$640,565	\$0	\$160,141	\$800,706	STL	GPA over or over 25%	exempt	
2024	Local	215783	Local Road	Rural	Lenawee	University	Lenawee County	S Blissfield Hwy	from Beagle Street to Holloway Road	6.944	Road Capital Preventive Maintenance	One Course Asphalt Overlay	CON	\$610,440	\$0	\$152,610	\$763,050	STL	GPA over or over 25%	exempt	
2024	Trunkline	208282	S/TIP Line items	Rural	Lenawee	University	MDOT	US-223	Ogden Highway to High Street in Blissfield, Lenawee County	6.669	Road Rehabilitation	HMA cold milling and two course overlay with drainage improvements	CON	\$7,744,226	\$1,717,260	\$0	\$9,461,486	NH		exempt	
2024	Local	215156	S/TIP Line items	Rural	Lenawee	University	Lenawee County	Carson Hwy	Carson Highway over Beaver Creek (#5617), Lenawee County	0.000	Bridge Replacement	Bridge Replacement	CON	\$976,800	\$122,100	\$122,100	\$1,221,000	BO		exempt	
2024	Trunkline	214107	Trunkline Road	Rural	Lenawee	University	MDOT	US-223	Ogden Highway to High Street	6.669	Minor Widening	Shoulder widening and paving	CON	\$373,705	\$41,523	\$0	\$415,228	HSIP	GPA over or over 25%	exempt	
2024	Trunkline	211965	Trunkline Traffic Operations And Safety	Rural	Lenawee	University	MDOT	TSC-wide	Various in Jackson TSC area	0.000	Traffic Safety	Modernize signal devices to current standards	CON	\$520,683	\$0	\$0	\$520,683	STG	GPA over or over 25%	exempt	
2025	Trunkline	208281	S/TIP Line items	Rural	Lenawee	University	MDOT	US-223	Stoddard Road to Industrial Drive in Adrian, Lenawee County	7.793	Road Rehabilitation	HMA cold milling and two course resurfacing with drainage improvements	CON	\$17,063,356	\$3,783,750	\$0	\$20,847,106	NH		exempt	
2025	Local	215604	S/TIP Line items	Rural	Lenawee	University	Lenawee County	Silberhorn Hwy	Weston Road to Ohio State Line	3.586	Reconstruction	Reconstruction	CON	\$1,316,377	\$0	\$0	\$1,316,377	STL	Phase Added	exempt	
2025	Local	215604	S/TIP Line items	Rural	Lenawee	University	Lenawee County	Silberhorn Hwy	Weston Road to Ohio State Line	3.586	Reconstruction	Reconstruction	CON	\$0	\$554,077	\$0	\$554,077	EDD	Phase Added	exempt	
2025	Trunkline	214109	Trunkline Road	Rural	Lenawee	University	MDOT	US-223	Onsted Highway to M-34	8.172	Minor Widening	Shoulder widening and paving	CON	\$652,860	\$72,540	\$0	\$725,400	HSIP	GPA over or over 25%	exempt	
2026	Local	215609	Local Road	Rural	Lenawee	University	Lenawee County	Fairfield Rd	from Packard Road to M-52	2.882	Road Capital Preventive Maintenance	One Course Asphalt Overlay	CON	\$280,000	\$0	\$70,000	\$350,000	STL	GPA over or over 25%	exempt	
2026	Local	215611	Local Road	Rural	Lenawee	University	Lenawee County	Beecher Rd	from US-127 to M-34	10.586	Road Capital Preventive Maintenance	One Course Asphalt Overlay	CON	\$1,062,704	\$0	\$265,676	\$1,328,380	STL	GPA over or over 25%	exempt	
2026	Local	215806	Local Road	Rural	Lenawee	University	Lenawee County	Fairfield Rd	from Packard Road to M-52	2.882	Road Capital Preventive Maintenance	One Course Asphalt Overlay	CON	\$280,000	\$0	\$70,000	\$350,000	STL	GPA over or over 25%	exempt	

Mason County: 2023-2026 STIP Projects

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Region	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source	Federal Amendment Type	Air Quality	Air Quality Comment
2023	Local	206658	Local Road	Rural	Mason	Grand	Mason County	W Hawley Rd	Hawkey Rd Stiles to Gordon	0.516	Road Rehabilitation	Crush and Shape	CON	\$469,000	\$0	\$130,350	\$599,350	STL		exempt	
2023	Local	206658	Local Road	Rural	Mason	Grand	Mason County	W Hawley Rd	Hawkey Rd Stiles to Gordon	0.516	Road Rehabilitation	Crush and Shape	CON	\$0	\$70,650	\$0	\$70,650	EDD		exempt	
2023	Local	206674	Local Traffic Operations And Safety	Rural	Mason	Grand	Mason County	S Stiles Rd	Various fed aid routes in south half of county	0.097	Traffic Safety	Pavement markings	CON	\$38,400	\$0	\$9,600	\$48,000	STL		exempt	
2023	Multi-Modal	206538	S/TIP Line items	Rural	Mason	Grand	Ludington Mass Transportation Authority	Transit Capital	areawide	0.000	1110-Bus Rolling Stock	FY2023 CMAQ - Bus Replacement	NI	\$55,861	\$13,965	\$0	\$69,826	CM		exempt	
2023	Local	212284	S/TIP Line items	Rural	Mason	Grand	Mason County	W Fisher Road	W Fisher Road, Str #6685 over Lincoln River, Mason County	0.000	Bridge Replacement	Bridge Replacement	CON	\$905,600	\$113,200	\$113,200	\$1,132,000	BO		exempt	
2023	Trunkline	212764	Trunkline Livability and Sustainability	Rural	Mason	Grand	MDOT	US-31	Ludington Rest Area	0.000	Roadside Facilities - Preserve	Ludington Rest Area Sewage Lift Station	CON	\$245,550	\$54,450	\$0	\$300,000	NH		exempt	
2023	Trunkline	207955	Trunkline Road	Rural	Mason	Grand	MDOT	US-10	US-31 east to Custer Road	3.658	Road Capital Preventive Maintenance	Single Course Chip Seal with Fog Seal	CON	\$514,182	\$114,019	\$0	\$628,200	NH		exempt	
2023	Trunkline	207956	Trunkline Road	Rural	Mason	Grand	MDOT	US-10	S Jackson Road east to US-31BR	0.696	Road Capital Preventive Maintenance	Milling & One Course Asphalt Overlay	CON	\$716,188	\$158,813	\$0	\$875,000	NH		exempt	
2024	Local	215964	Local Road	Rural	Mason	Grand	Mason County	N Custer Rd	from Hansen to .268 mile north of Decker Rd	1.250	Road Rehabilitation	Crush and Shape and asphalt resurfacing	CON	\$644,000	\$0	\$166,000	\$810,000	STL	GPA over or over 25%	exempt	
2024	Local	214262	S/TIP Line items	Rural	Mason	Grand	Ludington	W Tinkham Ave	On Tinkham Ave. from William St. going west to Lakeshore Dr.	0.433	Reconstruction	Complete reconstruct including removal and replacement of HMA and base.	CON	\$380,200	\$0	\$1,829,800	\$2,210,000	STUL	Phase Added	exempt	
2024	Multi-Modal	214258	Transit Capital	Rural	Mason	Grand	Ludington Mass Transportation Authority	Transit Capital	areawide	0.000	1140-Bus Support Equip / Facilities	FY24 Small Urban Program - Replace refrigerant recovery machine	NI	\$4,800	\$1,200	\$0	\$6,000	STUL	GPA over or over 25%	exempt	
2024	Multi-Modal	215315	Transit Capital	Rural	Mason	Grand	Ludington Mass Transportation Authority	Bus Capital	areawide	0.000	1110-Bus Rolling Stock	FY 2024 CMAQ- Bus replacement	NI	\$60,981	\$15,245	\$0	\$76,226	CM	GPA over or over 25%	exempt	
2025	Trunkline	211167	S/TIP Line items	Rural	Mason	Grand	MDOT	US-10/US-31	From Brye Road east to US-31 (East Junction)	4.364	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$5,516,690	\$1,223,310	\$0	\$6,740,000	NH		exempt	
2025	Multi-Modal	215314	Transit Capital	Rural	Mason	Grand	Ludington Mass Transportation Authority	Transit Capital	Areawide	0.000	1110-Bus Rolling Stock	FY 2025 CMAQ- Bus Replacement	NI	\$60,981	\$15,245	\$0	\$76,226	CM	GPA over or over 25%	exempt	
2026	Local	214263	S/TIP Line items	Rural	Mason	Grand	Mason County	S Jebavy Dr	S. Jebavy Drive - US-10 South .25 miles then East .17 mi to Pere Marquette	0.348	Reconstruction	Reconstruct S. Jebavy Dr.	CON	\$385,000	\$0	\$100,000	\$485,000	STUL	Phase Added	exempt	
2026	Multi-Modal	215316	Transit Capital	Rural	Mason	Grand	Ludington Mass Transportation Authority	Bus Capital	Areawide	0.000	1110-Bus Rolling Stock	FY 2026 - CMAQ - Bus Replacement	NI	\$60,981	\$15,245	\$0	\$76,226	CM	GPA over or over 25%	exempt	